

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015383.D
 Acq On : 30 Aug 2023 17:24
 Operator : SY/MD
 Sample : 04221-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-082923

Quant Time: Aug 31 02:50:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

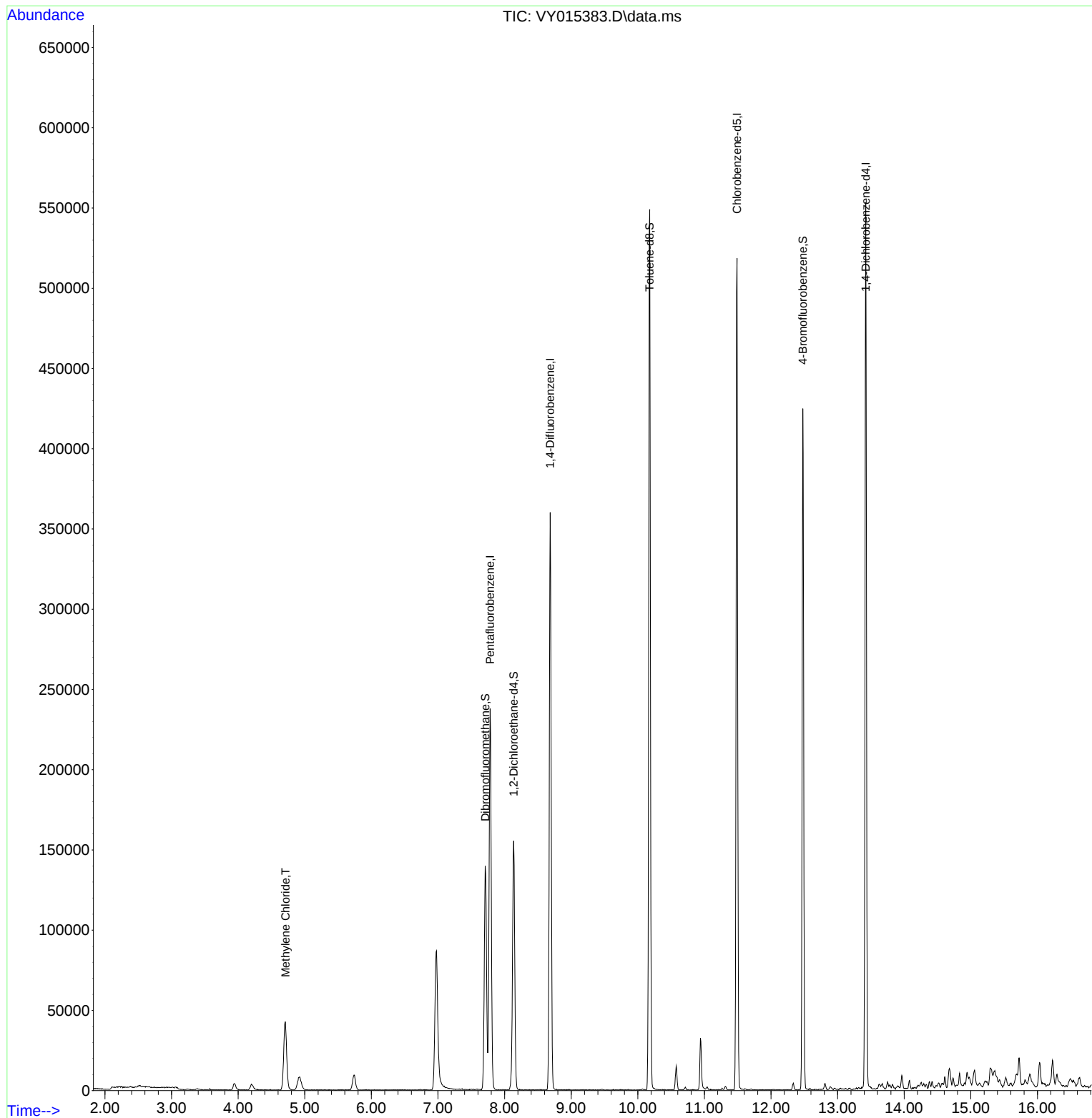
Internal Standards						
1) Pentafluorobenzene	7.783	168	179835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119490	61.982	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.960%		
35) Dibromofluoromethane	7.710	113	97786	55.317	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.640%		
50) Toluene-d8	10.179	98	364752	56.978	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.960%		
62) 4-Bromofluorobenzene	12.477	95	122185	51.414	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 102.820%		
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	32939	7.338	ug/l	89

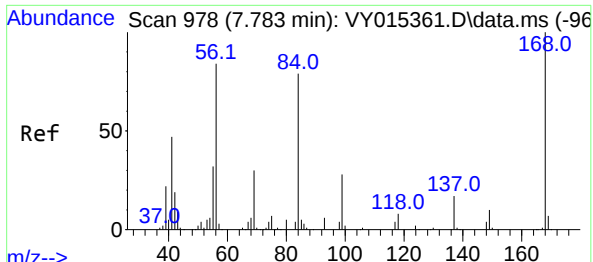
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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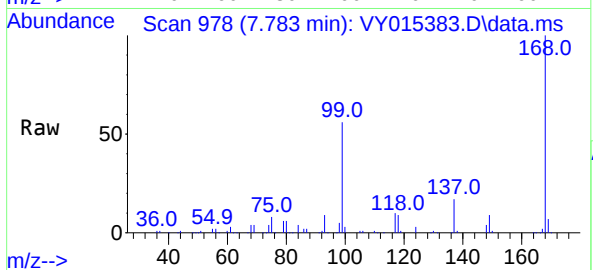
Quant Time: Aug 31 02:50:34 2023
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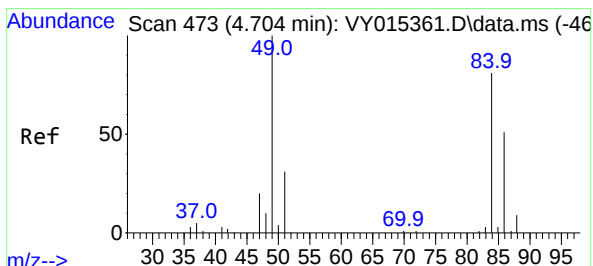
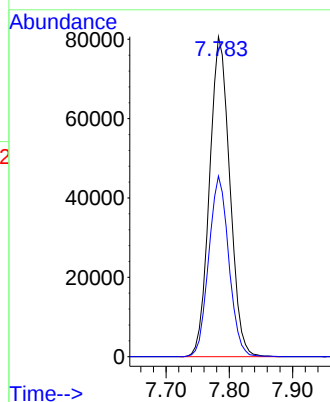
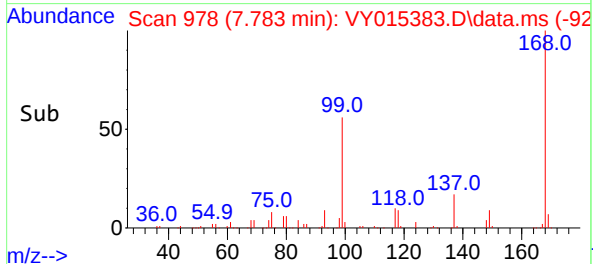


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :
AU-5-082923

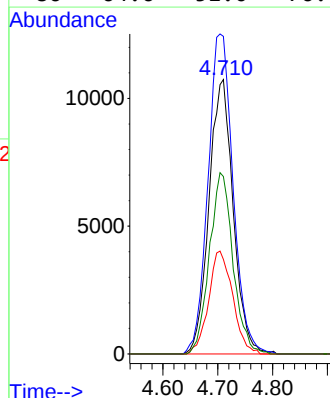
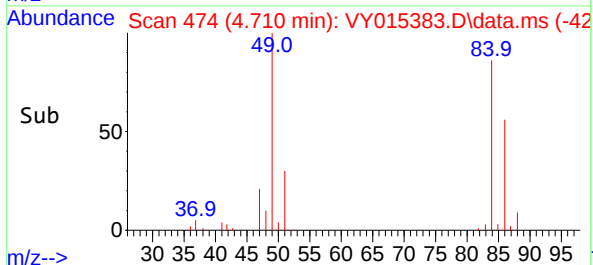
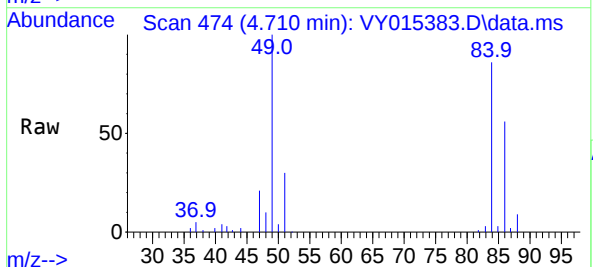


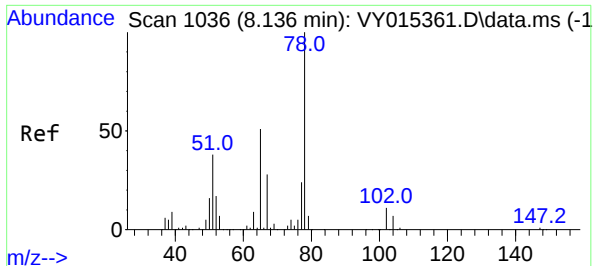
Tgt Ion:168 Resp: 179835
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.338 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

Tgt Ion: 84 Resp: 32939
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 34.5 33.2 49.8
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.982 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015383.D

Acq: 30 Aug 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

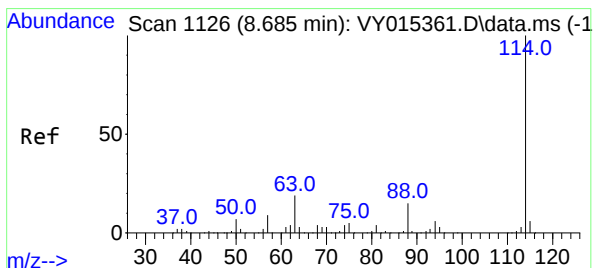
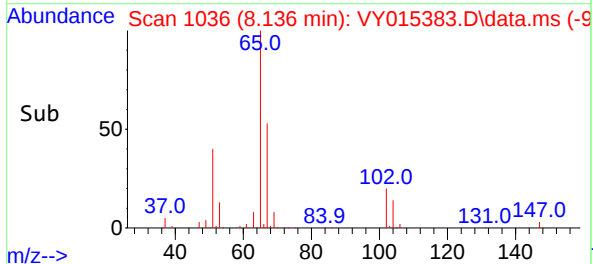
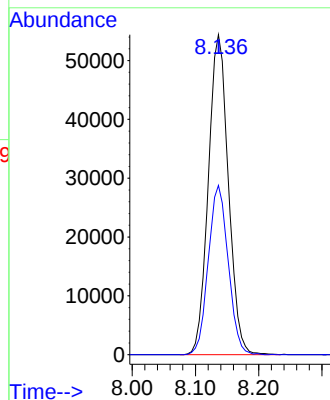
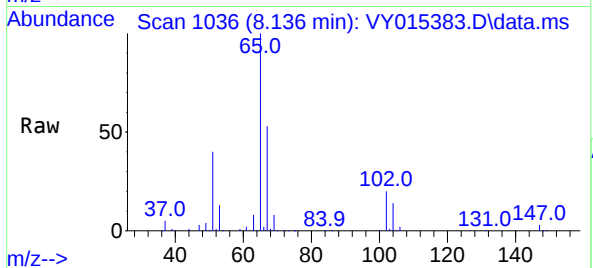
AU-5-082923

Tgt Ion: 65 Resp: 119490

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015383.D

Acq: 30 Aug 2023 17:24

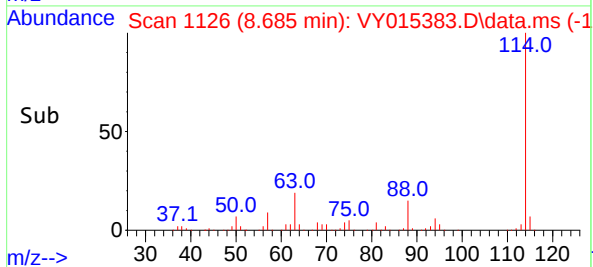
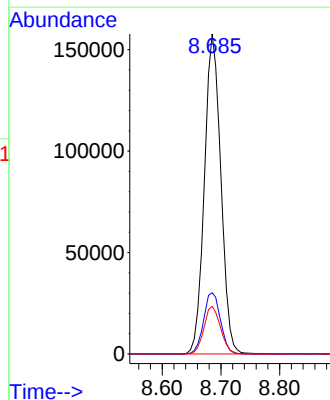
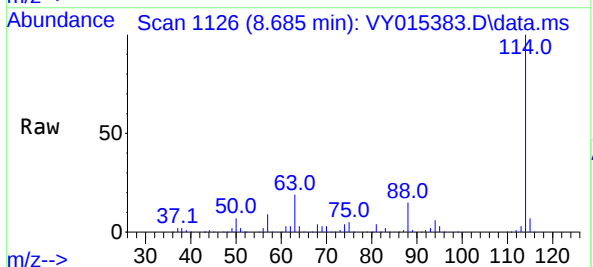
Tgt Ion: 114 Resp: 306909

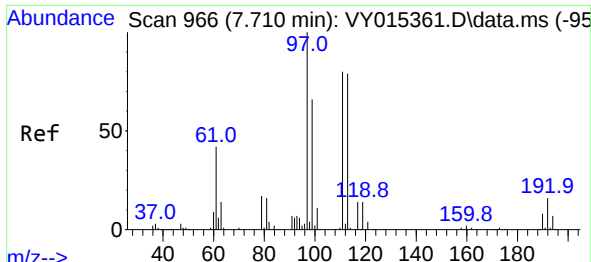
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6

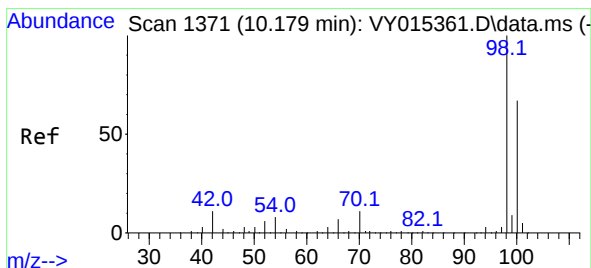
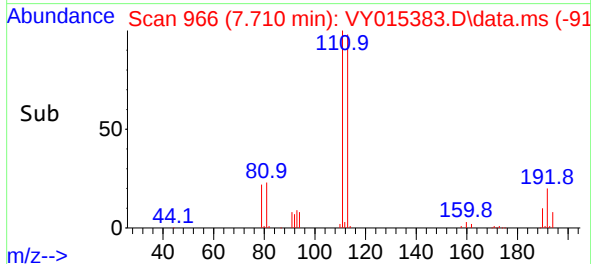
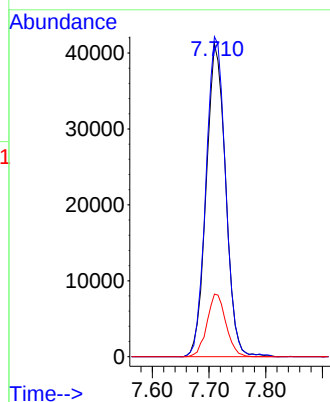
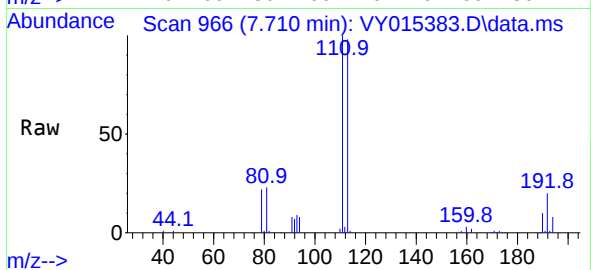




#35
Dibromofluoromethane
Concen: 55.317 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

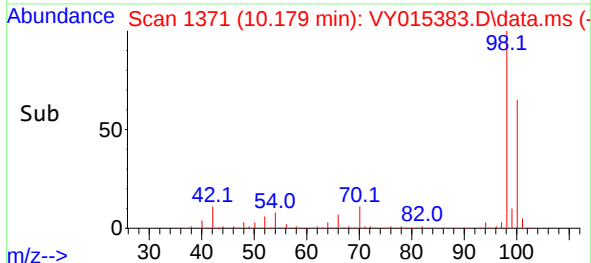
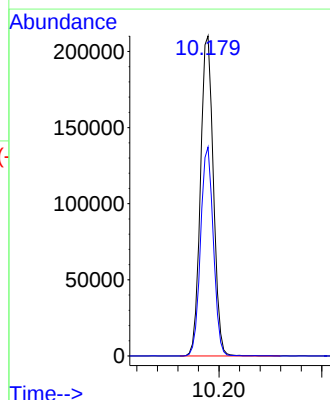
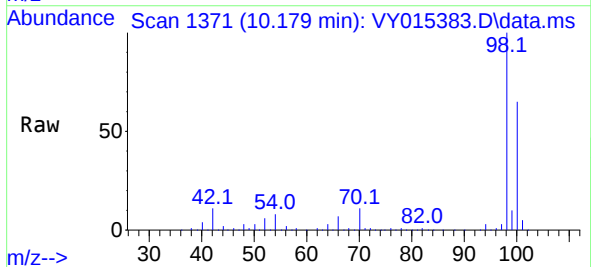
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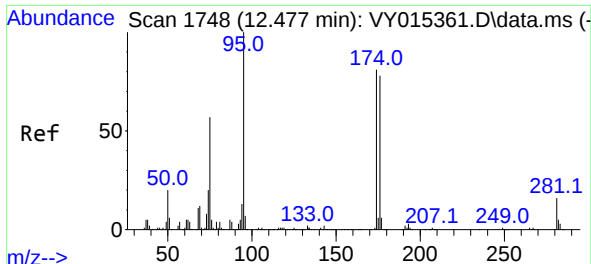
Tgt Ion:113 Resp: 97786
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 56.978 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

Tgt Ion: 98 Resp: 364752
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

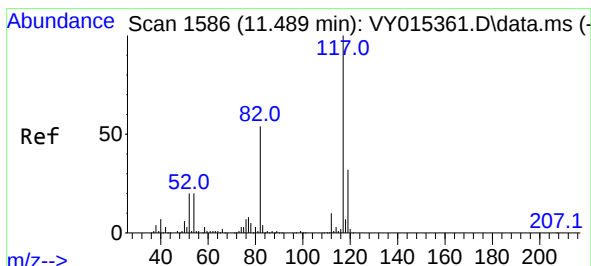
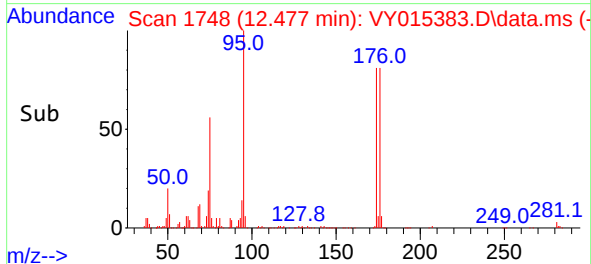
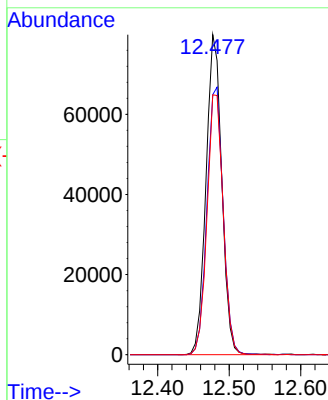
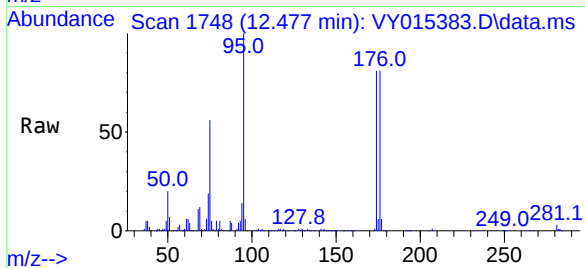




#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

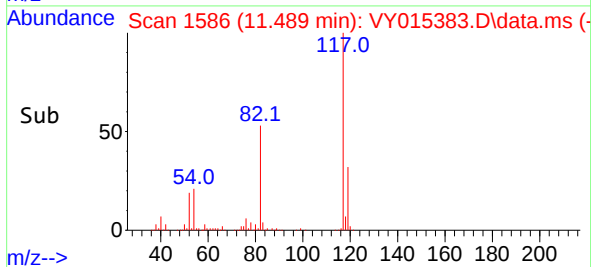
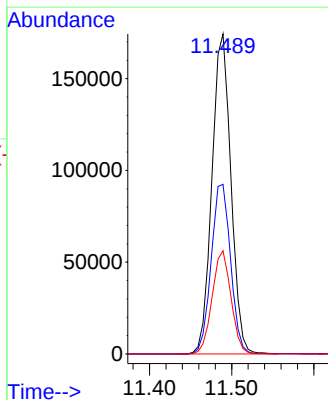
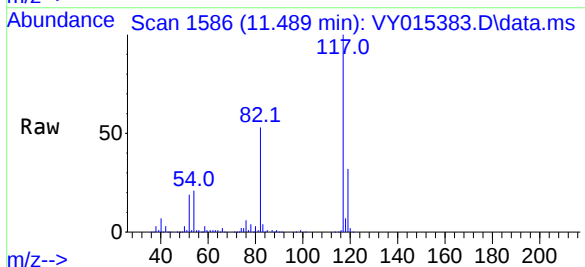
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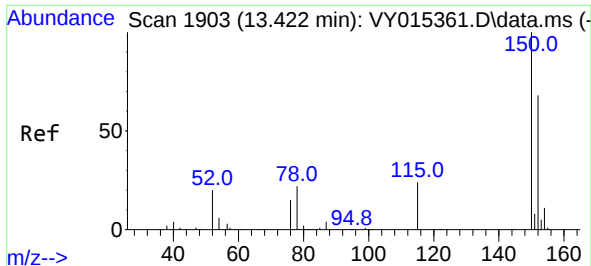
Tgt Ion: 95 Resp: 122185
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015383.D
Acq: 30 Aug 2023 17:24

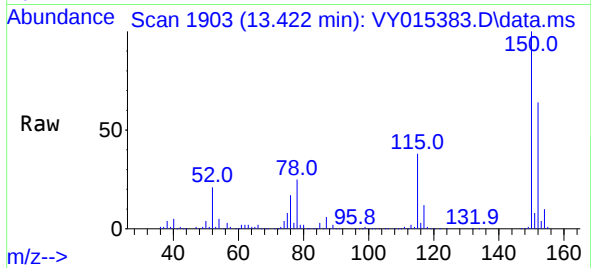
Tgt Ion: 117 Resp: 279785
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015383.D
 Acq: 30 Aug 2023 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-082923



Tgt Ion:152 Resp: 136296
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.8 0.0 348.8

